AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1.   (Currently Amended) A method for using a solid-state memory device storing program code, the method comprising:

(a)   connecting a solid-state memory device with a host device, the solid-state memory device storing program code <u>and data, wherein the host device requires the program code to read the data</u>;

(b)   providing the program code to the host device; and

(c)   with the host device, ~~performing at least one of the following acts: (c1)~~ reading <u>the</u> data stored in the solid-state memory device using the program code~~;~~

~~(c2)   storing data in the solid-state memory device using the program code~~.

2.   (Original) The invention of Claim 1, wherein (b) comprises automatically providing the program code to the host device.

3.   (Currently Amended) The invention of Claim 1~~, wherein (c) comprises,~~ <u>further comprising:</u>

<u>(d)</u>   with the host device, storing <u>additional</u> data in the solid-state memory device using the program code.

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4.   (Currently Amended) The invention of Claim 1 further comprising, before act (a), providing the solid-state memory device to a data storage device and storing the data in the solid-state memory device with the data storage device.

5.   (Original) The invention of Claim 4, wherein (c) comprises with the host device reading the data stored by the data storage device using the program code.

6.   (Currently Amended) A solid-state memory device <u>configured to be connected to a host device, the solid-state memory device</u> comprising:

        a first portion storing program code; and

        a second portion <u>storing data, wherein the host device requires the program code to read the data</u>;

        wherein the program code is operative to enable <s>a</s> <u>the</u> host device connected with the solid-state memory device to <s>perform at least one of the following acts:</s> read <u>the</u> data stored in the second portion of the solid-state memory device using the program code <s>or store data in the second portion of the solid-state memory device using the program code</s>.

7.   (Currently Amended) The invention of Claim 6, wherein the program code is <u>further</u> operative to enable <s>a</s> <u>the</u> host device connected with the solid-state memory device to store <u>additional</u> data in the second portion of the solid-state memory device using the program code.

8.   (Original) The invention of Claim 1 or 6, wherein the program code is written in a hardware-independent language.

9.   (Currently Amended) The invention of Claim 8, wherein ~~the hardware-independent language comprises Java~~ source code of the program code is compiled into an intermediate language compiled for a theoretical machine, and an interpreter in the host device emulates the theoretical machine by converting the intermediate language into machine code at runtime.

10.   (Currently Amended) The invention of Claim 1 or 6, wherein the solid-state memory device comprises a first partition and a second partition, wherein the program code is stored in the first partition, and wherein the data ~~read or stored by the program code~~ is ~~read or~~ stored~~,~~ ~~respectively,~~ in the second partition.

11.   (Original) The invention of Claim 10, wherein the first partition is fixed.

12.   (Original) The invention of Claim 1 or 6, wherein the program code comprises an application selected from the group consisting of an image viewer, an audio player, a calendaring tool, a word processor, a game, and a presentation program.

13.   (Original) The invention of Claim 1 or 6, wherein the program code can be used only for a predetermined amount of time.

14.   (Original) The invention of Claim 1 or 6, wherein the program code can be used only for a predetermined number of uses.

15.   (Currently Amended) The invention of Claim 1 or 6, wherein the program code is <u>further</u> operative to store <u>additional</u> data only in the solid-state memory device.

16.   (Original) The invention of Claim 1 or 6, wherein the program code is encrypted with an identifier of the solid-state memory device.

17.   (Original) The invention of Claim 1 or 6, wherein the solid-state memory device comprises a three-dimensional memory array.

18.   (Original) The invention of Claim 17, wherein the memory array comprises memory cells of a semiconductor material.

19.   (Original) The invention of Claim 17, wherein the memory array comprises write-once memory cells.

20.   (Original) A method for using a solid-state memory device storing program code, the method comprising:

(a)   connecting a solid-state memory device with a host device, the solid-state memory device storing encrypted program code and an identifier associated with the solid-state memory device;

(b)   providing the encrypted program code and the identifier to the host device; and

(c)   with the host device, decrypting the encrypted program code using the identifier.

21.   (Original) The invention of Claim 20 further comprising:

(d)   with the host device, performing at least one of the following acts:

(d1)   reading data stored in the solid-state memory device using the decrypted program code;

(d2)   storing data in the solid-state memory device using the decrypted program code.

22.   (Original) The invention of Claim 20, wherein (b) comprises automatically providing the encrypted program code and the identifier to the host device.

23.   (Original) A solid-state memory device comprising:

a first portion storing an identifier associated with the solid-state memory device; and

a second portion storing encrypted program code that can be decrypted with a host device connected with the solid-state memory device using the stored identifier.

24.   (Original) The invention of Claim 23, wherein, after being decrypted, the program code is operative to enable the host device connected with the solid-state memory device to perform at least one of the following acts: read data stored in the solid-state memory device using the program code or store data in the solid-state memory device using the program code.

25.   (Original) The invention of Claim 20 or 23, wherein the identifier is unique to the solid-state memory device.

26.   (Original) The invention of Claim 20 or 23, wherein the program code is written in a hardware-independent language.

27.   (Currently Amended) The invention of Claim 26, wherein ~~the hardware-independent language comprises Java~~ source code of the program code is compiled into an intermediate language compiled for a theoretical machine, and an interpreter in the host device emulates the theoretical machine by converting the intermediate language into machine code at runtime.

28.   (Original) The invention of Claim 20 or 23, wherein the solid-state memory device comprises a first partition and a second partition, wherein the encrypted program code is stored in the first partition, and wherein data read or stored by the decrypted program code is read or stored, respectively, in the second partition.

29.   (Original) The invention of Claim 28, wherein the first partition is fixed.

30. (Original) The invention of Claim 20 or 23, wherein the program code comprises an application selected from the group consisting of an image viewer, an audio player, a calendaring tool, a word processor, a game, and a presentation program.

31. (Original) The invention of Claim 20 or 23, wherein the program code can be used only for a predetermined amount of time.

32. (Original) The invention of Claim 20 or 23, wherein the program code can be used only for a predetermined number of uses.

33. (Original) The invention of Claim 20 or 23, wherein the program code is operative to store data only in the solid-state memory device.

34. (Original) The invention of Claim 20 or 23, wherein the solid-state memory device comprises a three-dimensional memory array.

35. (Original) The invention of Claim 34, wherein the memory array comprises memory cells of a semiconductor material.

36. (Original) The invention of Claim 34, wherein the memory array comprises write-once memory cells.

37.   (Original) A method for using a solid-state memory device storing program code, the method comprising:

(a)   connecting a solid-state memory device with a host device, the solid-state memory device storing program code;

(b)   providing the program code to the host device, the program code being operative to store data only in the solid-state memory device; and

(c)   with the host device, storing data in the solid-state memory device using the program code.

38.   (Original) The invention of Claim 37, wherein (b) comprises automatically providing the program code to the host device.

39.   (Original) A solid-state memory device comprising:

a first portion storing program code; and

a second portion;

wherein the program code is operative to enable a host device connected with the solid-state memory device to store data only in the second portion of the solid-state memory device using the program code.

40.   (Original) The invention of Claim 37 or 39, wherein the solid-state memory device comprises a write-once memory device, whereby an amount of data than can be stored in the solid-state memory device is limited.

41.   (Original) The invention of Claim 37 or 39, wherein the program code is written in a hardware-independent language.

42.   (Currently Amended) The invention of Claim 41, wherein ~~the hardware-independent language comprises Java~~ source code of the program code is compiled into an intermediate language compiled for a theoretical machine, and an interpreter in the host device emulates the theoretical machine by converting the intermediate language into machine code at runtime.

43.   (Original) The invention of Claim 37 or 39, wherein the solid-state memory device comprises a first partition and a second partition, wherein the program code is stored in the first partition, and wherein data stored by the program code is stored in the second partition.

44.   (Original) The invention of Claim 43, wherein the first partition is fixed.

45.   (Original) The invention of Claim 37 or 39, wherein the program code comprises an application selected from the group consisting of an image viewer, an audio player, a calendaring tool, a word processor, a game, and a presentation program.

46.   (Original) The invention of Claim 37 or 39, wherein the program code can be used only for a predetermined amount of time.

47.   (Original) The invention of Claim 37 or 39, wherein the program code can be used only for a predetermined number of uses.

48.   (Original) The invention of Claim 37 or 39, wherein the program code is encrypted with an identifier of the solid-state memory device.

49.   (Original) The invention of Claim 37 or 39, wherein the solid-state memory device comprises a three-dimensional memory array.

50.   (Original) The invention of Claim 49, wherein the memory array comprises memory cells of a semiconductor material.

51.   (Original) The invention of Claim 49, wherein the memory array comprises write-once memory cells.

Claims 52-71 (Cancelled)

72.   (New) The invention of Claim 1, wherein the data comprises audio data, and wherein the program code comprises an audio player.

73.   (New) The invention of Claim 1, wherein the data comprises video data, and wherein the program code comprises a video player.

74. (New) The invention of Claim 6, wherein the data comprises audio data, and wherein the program code comprises an audio player.

75. (New) The invention of Claim 6, wherein the data comprises video data, and wherein the program code comprises a video player.

76. (New) A solid-state memory device configured to be connected to a host device, the solid-state memory device comprising:

a first set of memory cells storing audio data; and

a second set of memory cells storing an audio player, wherein the host device requires the audio player to play the audio data;

wherein the audio player is operative to enable the host device connected with the solid-state memory device to play the audio data using the audio player.

77. (New) The invention of Claim 76, wherein the audio player is written in a hardware-independent language.

78. (New) The invention of Claim 76, wherein the audio data is stored in a first partition of the solid-state memory device, and wherein the audio player is stored in a second partition of the solid-state memory device.

79. (New) The invention of Claim 76, wherein the solid-state memory device comprises a three-dimensional memory array.

80. (New) The invention of Claim 76, wherein the solid-state memory device comprises write-once memory cells.

81. (New) A solid-state memory device configured to be connected to a host device, the solid-state memory device comprising:

a first set of memory cells storing video data; and

a second set of memory cells storing a video player, wherein the host device requires the video player to play the video data;

wherein the video player is operative to enable the host device connected with the solid-state memory device to play the video data using the video player.

82. (New) The invention of Claim 81, wherein the video player is written in a hardware-independent language.

83. (New) The invention of Claim 81, wherein the video data is stored in a first partition of the solid-state memory device, and wherein the video player is stored in a second partition of the solid-state memory device.

84. (New) The invention of Claim 81, wherein the solid-state memory device comprises a three-dimensional memory array.

85.   (New) The invention of Claim 81, wherein the solid-state memory device comprises write-once memory cells.

86.   (New) The invention of Claim 81, wherein the video data comprises a still picture.

87.   (New) The invention of Claim 81, wherein the video data comprises a sequence of images.